

I ment
includes varying transmissive characteristics for processing
n n-contiguous
predetermined wavelength bands of the dispersed spectrum.

CLPR:

3. An optical filter as defined in claim 2, wherein the first
dispersive
element and the second dispersive element comprise dispersion
gratings.

CLPR:

4. An optical filter as defined in claim 2, wherein the processing
element
displaces selected wavelength bands in the focal plane.

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5. An optical filter as defined in claim 4 wherein the processing
element
further includes means for dividing the spectrum into bands and
for locally
inverting wavelengths of light centered about a center wavelength
within each
band.

CLPR:

6. An optical filter as defined in claim 5, wherein the means for
dividing the
spectrum into bands and for locally inverting wavelengths of light
centered
about a center wavelength within each band is selected from the
group
consisting of an array of micro-refractive optical systems; and an
array of 90
degree V-groove micro-mirrors.